WHAT IS CLAIMED IS:

1   1.   A printing method, comprising the steps of:

2   receiving data at a printer;

3   detecting a barcode in the received data;

4   translating the barcode to an external network address;

5   sending on the Internet or other external network an access

6   request for a document to the external network address;

7   retrieving the document from the external network address;

8   and

9   printing the document.

10   2.   The method as defined in claim 1, wherein the network

11   address is a URL.

12   3.   The method as defined in claim 1, wherein said receiving

13   data step

14   comprises receiving an e-mail containing said data.

15   4.   The method as defined in claim 1, wherein said receiving

16   data step comprises receiving an e-mail with an attachment containing

17   said data.

18   5.   The method as defined in claim 1, wherein said translating

19   step

20   comprises translating the barcode to obtain a PIN#; and

21   wherein said sending step includes sending the PIN# with

22   the access request to the external network address for determining if the

23   request is authorized.

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24　　　　6.　　The method as defined in claim 1, wherein the detecting a

25　barcode step comprises interpreting a wrapper indicating that a binary

26　sequence is a barcode.

27　　　　7.　　The method as defined in claim 1, further comprising the

28　steps of:

29　　　　　　displaying a menu of print formats for a user to select to

30　print the document; and

31　　　　　　receiving a selection of one of said print formats displayed to

32　the user.

33　　　　8.　　The method as defined in claim 1, further comprising the

34　steps of:

35　　　　　　displaying a field for a transmission address;

36　　　　　　receiving a transmission address for another device in said

37　field; and

38　　　　　　sending the document to said another device.

39　　　　9.　　The method as defined in claim 1, wherein the translated

40　barcode includes

41　　　　　　information on printing the document inside another

42　document; and

43　　　　　　further comprising the step of printing the document inside

44　the other document in accordance with the printing information upon

45　receipt of the document at the printer.

46　　　　10.　　The method as defined in claim 1, further comprising the

47　step of printing the document inside a master document.

48　　　　11.　　The method as defined in claim 10, wherein the translation

49　step comprises

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50 translating the barcode to obtain at least one identifier that

51 designates the type of contents in said document; and

52 determining a location of the document within the master

53 document based on said identifier.

54 12. The method as defined in claim 10, wherein the translation

55 step comprises translating the barcode to obtain coordinates designating a

56 portion of the master document; and

57 determining a location of the document within the master

58 document based on said coordinates.

59 13. The method as defined in claim 10, further comprising the

60 step of determining a location of the document within the master

61 document based on a rule.

62 14. The method as defined in claim 10, wherein the document

63 and the master document are merged to form a single document in a

64 desired format.

65 15. The method as defined in 10, wherein said detecting a

66 barcode step comprises detecting a plurality of barcodes; and further

67 comprising

68 determining a URL in each of the plurality of barcodes;

69 sending on the Internet an access request to each of the

70 URL's;

71 retrieving a document from each of the URL's;

72 merging the documents from the URL's with the master

73 document to obtain a merged document; and

74 printing the merged document.

75 16. A printing method, comprising the steps of:

76 receiving data at a printer;

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77   detecting a barcode in the received data;

78   translating the barcode to a URL;

79   searching for an Internet access device to access the

80   Internet;

81   sending through the Internet access device an access

82   request for a document to the URL;

83   retrieving to the Internet device the document from the URL;

84   and

85   printing the document.

86   17.   The method as defined in claim 16, wherein said receiving

87   data step

88   comprises receiving an e-mail containing said data.

89   18.   The method as defined in claim 16, wherein said translating

90   step

91   comprises translating the barcode to obtain a PIN#; and

92   wherein said sending step includes sending the PIN# with the

93   access request to the URL for determining if the request is authorized.

94   19.   The method as defined in claim 16, wherein the translated

95   barcode includes

96   information on printing the document inside another

97   document; and

98   further comprising the step of printing the document inside

99   the other document in accordance with the printing information upon

100   receipt of the document at the printer.

101   20.   The method as defined in claim 16, further comprising the

102   step of printing the document inside a master document.

103   21.   A system for printing documents, comprising:

104   a first component for receiving data at a printer;

105   a second component for detecting a barcode in the received

106   data;

107   a third component for translating the barcode to an external

108   network address;

109   a fourth component for sending on the Internet or other

110   external network an access request for a document to the external

111   network address;

112   a fifth component for retrieving the document from the

113   external network address; and

114   a sixth component for printing the document.

115   22.   A program product for printing documents, comprising:

116   first code for receiving data at a printer;

117   second code for detecting a barcode in the received data;

118   third code for translating the barcode to an external network

119   address;

120   fourth code for sending on the Internet or other external

121   network an access request for a document to the external network

122   address;

123   fifth code for retrieving the document from the external

124   network address; and

125   sixth code for printing the document